Attorney Docket No.: 506417-0818

JEC 0 6 2004 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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toy entox (8)		Christoph Ender et al.
Serial No.	:	10/821,040
Filing Date	1:	April 7, 2004
Title	:	COMBINED LIQUID COLLECTOR AND MIXER FOR MASS
		TRANSFER COLUMN AND METHOD EMPLOYING SAME
Group/Art Unit	1:	1724
Examiner	1:	Not Yet Assigned
Confirmation No.	:	9247
Atty. Docket No.	:	506417-0818

TRANSMITTAL LETTER

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing with respect to the above-identified patent application are:

- an Information Disclosure Statement Under 37 C.F.R. §1.97 (b), Form PTO/SB/08A (Substitute for Form 1449A-B/PTO) and cited foreign patent references; and
- 2) an Information Disclosure Statement Under 37 C.F.R. §1.97 (b) for U.S. Patent Application Publications and U.S. Unpublished Applications.

These information disclosure statements are being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or before the mailing of a first Office Action on the merits. Accordingly, no fee is due.

Certificate of Mailing Under 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on:

Date:	12-2-64
Signature: 1	My hade Olice Sa
Printed Name:	

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.

Attorney Docket No.: 506417-0818

Acknowledgment of receipt is respectfully requested.

Respectfully submitted,

Van Jan

J. David Wharton, Reg. No. 25,717 STINSON MORRISON HECKER LLP

1201 Walnut Ste 2900

Kansas City MO 64106-2150 Telephone: (816) 842-8600 Facsimile: (816) 691-3495



Attorney Docket No.: 506417-0818

<u> THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

Inventor(s)	1:	Christoph Ender et al.
Serial No.	:	10/821,040
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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.56 and § 1.97(b), the references listed below and on the attached Form PTO/SB/08A (Substitute for Form 1449A-B/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed, with the exception of any issued U.S. Patents. Submission of these references is not an admission that the references constitute prior art.

Certificate of Mailing Under 37 C.F.R. 1.8

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Date:

Signature: Wichel Office

Printed Name: Wichel Chilipset

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Attorney Docket No.: 506417-0818

U.S. PATENTS

Patent No. 5,318,732

Inventor(s) Monkelbaan et al. **Issue Date** 06/07/1994

FOREIGN PATENTS

Country Europe WO

Patent No./Publication No.

Publication Date

0626185 96/28232

11/30/1994 09/19/1996

OTHER REFERENCES

None.

Applicants respectfully request that these references be made of record in the aboveidentified application and considered by the Examiner during prosecution of the application.

It is respectfully submitted that the present invention as claimed is patentable over the listed references.

This information disclosure statement is being filed before the mailing of a first Office Action on the merits. Accordingly, no fee is due.

By

Acknowledgment of receipt is respectfully requested.

Respectfully submitted

J. David Wharton, Reg. No. 25,717 STINSON MORRISON HECKER LLP

1201 Walnut Ste 2800

Kansas City MO 64106-2150 Telephone: (816) 842-8600

Facsimile: (816) 691-3495

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PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0551-0031

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Substitute for Form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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	Complete if Known			
Application Number:	10/821,040			
Filing Date:	April 7, 2004			
First Named Inventor:	Christoph Ender et al.			
Group Art Unit:	1724			
Examiner Name:	Not Yet Assigned			
Attorney Docket Number:	506417-0818			

				U. S. PATENT DOCUMENTS			
Examiner	Cito	Cita	U.S. Patent D		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines Where Relevant
Examiner Cite Initials* No.1		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
		5,318,732		Monkelbaan et al.	06/07/1994		

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				FOREI	GN PATENT DOCUMENTS			
Examiner	0.1	Foreign Patent Document		No	Date of Publication of	Pages, Columns, Lines,		
Initials*	Cite No.1	Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T 6
			EP 0626185		Monkelbaan et al.	11/30/1994		
			WO 96/28232		Susumu et al.	09/19/1996		
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Examiner	Date
Signature	Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

nder the eperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**A49P/PTO (Modified)

**Complete if Known

10/821,040

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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STATEMENT BY APPLICANT	First Named Inventor:	Christoph Ender et al.
(use as many sheets as necessary)	Group Art Unit:	1724
(use as many sneeds as necessary)	Examiner Name:	Not Yet Assigned
Sheet 2 of 2	Attorney Docket Number:	506417-0818

Application Number:

Clas (No.1	aminer Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the					
	ls" No.1		item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher. city and/or country where published	T²		
		None				
		None.				
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Examiner Date	aminer		Date			

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.



Serial No.: 10/821,040 Attorney Docket No.: 506417-0818

HE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s)

Christoph Ender et al.

Serial No. Filing Date 10/821,040

April 7, 2004

Title

COMBINED LIQUID COLLECTOR AND MIXER

FOR MASS TRANSFER COLUMN AND METHOD

EMPLOYING SAME

Group/Art Unit

1724

Examiner

Not Yet Assigned

Confirmation No.

9247

Atty. Docket No.

506417-0818

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 (b) FOR U.S. PATENT APPLICATION PUBLICATIONS AND U.S. UNPUBLISHED APPLICATIONS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to MPEP 609(D), Applicants respectfully request that the pending U.S. patent application listed below be considered in the examination of the above-identified application on other than a Form PTO-1449 format to avoid the application serial number of the pending application being published on any future patents. Copies of the cited documents are enclosed. Submission of these references is not an admission that the references constitute prior art.

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Date:	12-2-04:
Signature:	Wielia Clar
Printed Name	Michele Collisine

The Director is hereby authorized to charge any additional amount required, or credit any overpayment, to Deposit Account No. 19-4409.

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Serial No.: 10/821,040 Attorney Docket No.: 506417-0818

E LA LU.S. PATENT APPLICATION PUBLICATIONS					
Examiner's Initials	Publication Date				
	Bachmann et al.	2001/0038155	11/08/2001		
Examiner Signature		Date Considered	.1		

U.S. APPLICATIONS			
Examiner's Initials	Applicant	Application No.	Filing Date
	None		
Examiner Signature		Date Considered	

It is respectfully submitted that the present invention as claimed is patentable over

the listed references.

Respectfully submitted,

By:

F. David Wharton, Reg. No. 25,717 STINSON MORRISON HECKER LLP

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